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EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

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APPLICANT:

SEIKO EPSON CORP:

INVENTOR:

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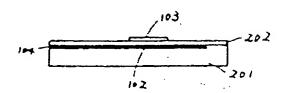
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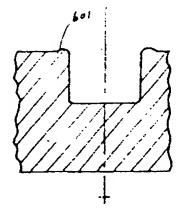
B41J 3/04

TITLE

MANUFACTURING METHOD OF

RECORDING INK JETTING HEAD





ABSTRACT: PURPOSE: To achieve mass production of On-Demand type recording ink jetting head of good machinability and high strength without using complicate etching process but simply by pressing a metallic base plate, deforming it plastically and providing it with an ink-flowing groove.

> CONSTITUTION: The surface of a base plate 201 of a metallic material, preferably of stainless steel, is pressed to develop plastic deformation so that an ink-flowing groove 104 is formed. And then, a small rising section 601 at the top edge of the ink-flowing groove is removed by grinding the base plate surface. A top side plate 202 is joined together onto thus processed base plate 201, and an electrical-mechanical converting element is attached onto a section which is to become an ink chamber 102.

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